

	Title	Current OR	Document ID	Issue Date	Current XRef	Inventor
1	Frequency hopping spread spectrum passive acoustic wave identification device	340/10.1	US 6633226 B1	20031014	340/10.3	Nysen; Paul A.
2	Frequency hopping spread spectrum passive acoustic wave identification device	340/10.3	US 6114971 A	20000905		Nysen; Paul A.
3	Apparatus and method for locating a tagged item	340/573.1	US 20020075152 A1	20020620	340/572.1	Nysen, Paul
4	Surface acoustic wave passive transponder having amplitude and phase-modifying surface pads	342/51	US 4625207 A	19861125	310/313B; 333/152; 333/196	Skeie; Halvor
5	System for interrogating a passive transponder carrying phase-encoded information	342/44	US 4725841 A	19880216	342/107; 356/15.09; 398/108; 398/188	Nysen; Paul A. et al.
6	Surface acoustic wave passive transponder having non-reflective transducers and pads	342/51	US 4604623 A	19860805	310/313B; 333/151	Skeie; Halvor
7	Passive transponders using acoustic surface wave devices	342/44	US 4059831 A	19771122	310/313D; 310/313R; 333/150; 333/152; 333/154; 342/51	Epstein; Max
8	Frequency agile radio	375/131	US 5377222 A	19941227	342/18; 370/342; 370/344; 370/478; 380/34	Sanderford, Jr.; H. Britton
9	Inductive input/output coupling for a surface acoustic wave device	342/51	US 4951057 A	19900821	342/44	Nagel; Jon L.

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1	Interrogation, monitoring and data exchange using RFID tags	340/572.1	US 6917291 B2	20050712	340/10.1; 340/505; 340/539.1; 340/825.69; 340/825.72		Allen; Barry
2	Environmental location system	701/300	US 6775616 B1	20040810	340/988; 342/357.09; 701/207; 701/217		Nysen; Paul A.
3	Apparatus and method for managing luggage handling	340/10.1	US 6750757 B1	20040615	235/375; 340/5.61; 340/539.1; 340/539.11; 340/539.13; 340/571; 340/572.1; 340/825.49; 342/357.09; 40/6		Gabig, Jr.; Jerome S. et al.
4	Frequency hopping spread spectrum passive acoustic wave identification device	340/10.1	US 6633226 B1	20031014	340/10.3		Nysen; Paul A.
5	Environmental location system	701/300	US 6611758 B1	20030826	342/357.09; 701/217		Nysen; Paul A.
6	Backscatter transponder interrogation device	342/42	US 6611224 B1	20030826	342/175; 342/43		Nysen; Paul A. et al.
7	Dual mode transmitter-receiver and decoder for RF transponder tags	340/10.41	US 6580358 B1	20030617	340/10.1; 340/10.3; 340/10.4; 340/10.42; 340/10.51; 342/42; 342/44; 342/51		Nysen; Paul A.

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8	Dual mode transmitter-receiver and decoder for RF transponder tags	340/10.1	US 6531957 B1	20030311	340/10.3; 340/10.4; 340/10.41; 342/42; 342/44; 342/51; 455/106; 455/73	Nysen; Paul A.
9	Dual mode transmitter-receiver and decoder for RF transponder tags	340/10.41	US 6433671 B1	20020813	340/10.1; 340/10.3; 340/10.4; 342/42; 342/44; 342/50; 342/51	Nysen; Paul A.
10	Environmental location system	701/300	US 6424916 B1	20020723	340/10.1; 342/44; 701/217	Nysen; Paul A.
11	Surface acoustic wave transponder configuration	310/313R	US 6388360 B1	20020514	310/313D; 342/51	Nysen; Paul A. et al.
12	Environmental location system	701/300	US 6259991 B1	20010710	340/10.1; 342/44; 701/217	Nysen; Paul A.
13	Surface acoustic wave transponder configuration	310/313R	US 6208062 B1	20010327	333/152; 333/153	Nysen; Paul A. et al.
14	Frequency hopping spread spectrum passive acoustic wave identification device	340/10.3	US 6114971 A	20000905		Nysen; Paul A.
15	Dual mode transmitter/receiver and decoder for RF transponder tags	340/10.1	US 6107910 A	20000822	340/10.3; 340/10.4	Nysen; Paul A.
16	Frequency mixing passive transponder	310/318	US 6060815 A	20000509		Nysen; Paul A.
17	Surface acoustic wave transponder configuration	310/313D	US 5986382 A	19991116	310/313R; 333/156; 333/157; 342/51	Nysen; Paul A.

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18	System for interrogating a passive transponder carrying phase-encoded information	342/44	US 4725841 A	19880216	342/107; 356/5.09; 398/108; 398/188	Nysen; Paul A. et al.

	L #	Hits	Search Text
1	L1 24	99	("3273146" "3706094" "3755803" "3898592" "4058217" "4059831" "4484160" "4604623" "4605929" "4620191" "4623890" "4625207" "4625208" "4703327" "4724443" "4725841" "4734698" "4737790" "4739328" "4888591" "4951057" "4951057" "5095240" "5182570").PN.
2	L2 2		("6114971" "6633226").PN.
3	L8 486	340	340/10.1.ccis.
4	L9 200	340	340/10.41.ccis.
5	L13 32		nysen.in.
6	L14 166		((tag or transponder) and ((frequency or frequencies) near (diversity or hop or hopping or plural or plurality)) and (time near domain))
7	L16 61		((tag or transponder) and (time near diversity))
8	L17 61	14	14 and acoustic
9	L18 30	5377222	("3273146" "3706094" "3755803" "3898592" "4058217" "4059831" "4484160" "4604623" "4605929" "4620191" "4623890" "4625207" "4625208" "4703327" "4724443" "4725841" "4734698" "4739328" "4888591" "4951057" "5095240" "5182570" "5377222" "5448242" "5507035" "5841766" "6114971").PN.
10	L19 1		("6633226").URPN.
11	L20 123	4400702	("2817012" "3025524" "3209350" "3273146" "3513470" "3521280" "3600710" "3665480" "3689929" "3706094" "3737911" "3755803" "3801935" "3810257" "3845420" "3845490" "3869682" "3870994" "3878528" "3898592" "3909838" "3931597" "3936774" "3961290" "3981011" "4003073" "4023167" "4028649" "4044355" "4058217" "4059831" "4069472" "4072915" "4096477" "4106020" "4110653" "4138681" "4141712" "4143340" "4151525" "4155056" "4166258" "4180815" "4201964" "4213104" "4217564" "4234666" "4241352" "4242671" "4242685" "4259673" "4260988" "4263571" "4263595" "4267534" "4288343" "4288689" "4297701" "4307356" "4320402" "4330790" "4331740" "4339753" "4388524" "4400723" "4410823" "4422055" "4423392" "4434383" "4462011" "4477813" "4480150" "4484160" "4494031" "4554549" "4589422" "4604623" "4605929" "4620191" "4623890" "4625184" "4625207" "4625208" "4642640" "4644384" "4672418" "4699682" "4703327" "4706105" "4724443" "4725841" "4734698" "4737789" "4737790" "4739328" "4745401" "4782345" "4786907" "4800392" "4816839" "4845397" "4853705" "4864158" "4888591" "4912471" "4931664" "4933588" "4951057" "499636" "5019815" "5027107" "5030807" "5055659" "5095240" "5144313" "5182570" "5654693").PN.
12	L21 8		("6114971").URPN.
13	L22 2	14	14 and 18
14	L23 1	14	14 and 20
15	L24 149	340	340/10.3.ccis.
16	L25 10		(8 or 9 or 24) and 14

	L #	Hits	Search Text
17	L26	16	13 and 14
18	L27	18	25 or 26
19	L28	951	340/572.1.ccsls.
20	L29	575	701/300.ccsls.
21	L30	942	310/313r.ccsls.
22	L31	496	310/313d.ccsls.
23	L32	411	310/318.ccsls.
24	L33	439	342/44.ccsls.
25	L34	474	342/51.ccsls.
26	L35	4	14 and 29
27	L36	4	(30 31 32) and 14
28	L37	11	(33 34) and 14